

## The Evaluation Of Students And Teachers Views On Physical Arrangement Of Classroom

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### Abstract:

Being an essential part of the education school and its sub-system classroom are the environment in which take place almost all educational activities. In providing the physical structure and the internal hardware of a class, in general, all measures to facilitate the learning of students by teachers and administrators need to be established. It is then required to get a conclusion by the school board, teachers and duties of the state how to arrange the class and how it is regulated. In addition, the big difference of this study with others is asking students ideas about the arranging of the class. A scale was developed for obtaining data in this study and its Cronbach's alpha value was found as 0.767. As a result of the findings of the present study constructive recommendations are given.

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**Keywords:** Class, Environment, Teacher-Student, Physical state.

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### 1. Introduction:

An effective education to occur, arranging classes, school buildings and services should be held in an entirety way which is among the main objectives of national education (METK. M: 1). In order to form an effective education; in the same time administrators, teachers, parents, school-family units, all with an interest should act together for the sake of educational environment. So, these elements will work

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together with school and school surroundings. The school is scheduled for a particular realization of educational objectives, educational activities and for an environment that is being carried out (Celep, 2008: 3). School administrators, teachers, students and the educational supplement for a team are located there. While in school, students get training in the basic media classes.

Classes are generally described as having specific capacity located with the tables or desks, walls, posters bearing the features of the class they belong to (for example, the maps on the walls of the social studies class and English words written on the walls, in science and technology class such as the microscope on the desk and either drawn on the wall as the presence of the periodic table), and training activities taking.

Classroom environment comprises the properties of the space allocated for educational activities. Desks, tables, cupboards and empty spaces, space heat, light, and a number of factors, such as color scheme, they all create environment variables. So, teacher-student relationships are largely influenced by these physical variables cited above (Aydın, 1988).

However, a few maps and a table are not enough for designing a class effectively. That is, with the renewed and changing world of technology and greater use of tools and equipment, there is also a need to address multiple senses. The recall rates also to be learned for a person cited as follows: "20% of the reading, remembering, hearing 30% as a result of learning, visual learning as a result of 40%, 50% recall rate as a result of telling what they read, the application of learning by 60% as a result. Taking this, it highly increases the learning rate that your sense of how to learn. With eye, ear and tongue, the learning is around 90%. Therefore, the learning environment of the vehicle-equipment is required to take as much as possible. The classes in the editing job should be done all over again.

## **2. Method Aim Of The Study:**

For the realization of better learning, classroom environment should be regulated. Teachers and students are suspected and they should obtain opinions of how to develop classroom environment. Accordingly, the aim of this study is to give ideas to students and teachers for better creating a classroom environment. Arrangement of classes according to students' age, interests, and failure to comply with the requirements of criteria such as whether to be arranged by looking at the classroom criteria should be overviewed all over again. This is the purpose of the study criteria. The student's own learning can be ensured, and that it is the ultimate goal of this study.

## **3. Importance Of The Study:**

During the issuance of the class in terms of education, teachers' and students' opinion is very important to use as a class constant. Until now organizing a class environment in general views of the administrators came to the fore on the eyes of not only experts in a particular branch but also of the authorities. For this reason, the atmosphere of the classroom environment and their branches are susceptible to regulation by the center. In this study, teachers in the classroom and learning environment being the most active members of the dominant ideas of the students in the classroom environment which is created for the teacher and students' perspectives are important for which it is based. This study will then complete a gap in the related literature.

#### 4. Sampling:

This study was carried out in second semester of 2011 - 2012 Education and Training in the province of Aydın, Karacasu. Five different schools' students and teachers were selected for this study. This district was chosen randomly because the researcher's working in this county. All of these were selected from the school and elementary school teachers. Section is formed by students studying in 6-7-8 grade. If the reason for the class of primary school students that makes up the second echelon to think that they could have more comfortable in expressing their own thoughts. Yet in this age group as adolescence and studying on their own, the habit of winning, such as the ability to think in the abstract, thinking freely and to express their own words is to know that they are capable of. Adolescence: it is described as having biological, psychological, social and cognitive development and maturation (Erikson, 1968; Trans. Gürçay, 2008). In addition, this work, with students and their ideas of value, aims to show the representation that it is important for adults.

*Randomly selected five schools' teachers and students profiles are as follows.*

Teacher		Student		
Male	Female	6. class	7. class	8. class
37	34	143	156	113
Total		412		

The study sample consists of 71 teachers (37 male, 34 female) and 412 students (143, 6<sup>th</sup> grade students; 156, 7<sup>th</sup> grade students; 113, 8<sup>th</sup> grade students) for a total of 483 people.

#### 5. Data Collection:

The nature of this study is a descriptive way to determine the status with "survey" or "screening" model. Scanning the past or currently existing models aim to describe a method to investigate the situation as it exists (Karasar, 1999; 77). Based on the principles of this method, topic and field have been selected for suitability of the research.

It is aimed especially to explain how to design the classroom in this study. However, teachers and students in the class think about editing a tool that measures these criteria. Literature was a gene for this purpose the researchers, teacher and students reviewed the literature on the classes' dynamics. They created a series of questions, and thanks to the information obtained from material brought into the scale of these questions and administered to students and teachers. Responses from teachers and students, the answers and then recovered, under Article 5 Likert scale consisting of 26 pieces of Font "Effective Classroom Building Scale" will have been held. At first, it is primarily a certain number of items of the scale for teachers (14 pieces) and students (51 units) were applied. The data obtained as a result of the

Cronbach's Alpha was found as 0.711. Affective characteristics in determining the reliability of measurement instruments that measure the value of Cronbach's alpha is used, and 0.70's to be on the recommended (Şeker and Gençdoğan, 2006, 81). But four of scale through the scale, they were to the material results in the negative direction. After removal of these items from the 22-item scale, a new "Effective Classroom Building Questionnaire" was created and new Cronbach's alpha value was found to be 0.767. The scale of the groove is applied.

### *Creating Effective Classroom Scale Development Phase KMO and Bartlett Tests*

Kaiser-Meyer-Olkin		
		,663
Measurement of sample compliance		
Bartlett's Test		1311,642
	Df	539
Ki-kare	Sig.	
		,000

KMO sample relates to the suitability and appropriateness of the correlation between scale items. The value 0.60 is considered to be on the value (Ntoumanis, 2001, 240, Trans, Şeker, 2006). 0.663 is a value that is acceptable. KMO is high, statistically significant benefits in Bartlett's Test. The applicability of the test substances being higher and the correlation between both factors indicate a larger value.

The scale was administered to the population in this study. The scale is applied for 71 teachers, and elementary school teachers Karacasu being 51% of the district is located. The scale was applied in the same way stated above, the number of secondary school students studying in the District of Karacasu being 47.35% second grade students' constitute the population. It is rarely necessary to have more than 10% of the sample. If the study population sample of 1000 while the number of experienced researchers usually take 100 or so. If the universe, such as 5000 may be the lowest practical sample 100 or 10% of the universe can be a maximum of around 500. If the population is greater than 10,000 or a number of researchers experienced between 200 and 1000, a sample that runs. (Allreck and Settle, 1995; 62, Trans, Şeker, 2006; 73).

## **6. Results:**

- Totally, 483 people participated in the survey. This is 14% of the respondents, 69 teachers, and the remaining 85%, 31 of the students.
- 91.54% of teachers believe that education is not appropriate for.
- 77.46% of teachers agree that the school's facilities are not sufficient to organize classes.
- 95.77% of participating teachers' class does not have color, light, heat based on factors such as physical attributes.

- As to editing classes in which teachers participated in the research, there is enough to complain about the material.
- Teachers did not have enough time to organize classes; even using the time of the output classes of the school stated that they were insufficient to address this problem.
- Teachers processing in a classroom course projector, computer, internet, overhead and so on reported not having such facilities. In fact, 63.38% of teachers participating in the survey "I did not have any of these facilities" they reported. This is the learning environment more visual, more technological tools not to be equipped show the possibility of processing. In this case, that is the lower the quality of education.
- Classroom teachers make up the internal design of the very old tables or desks. They are preventing students from committing a comfortable course of the class. They reported that cleanliness has changed in the negative direction.
- 86.16% of the students' classes were not satisfied of which they have expressed. Moreover, this discontent was observed that the class rates were the higher. Because dissatisfaction with the situation where the 6<sup>th</sup> grade was 84.05%; 7<sup>th</sup> grade was 88.46% due to dissatisfaction with the situation; 8<sup>th</sup> grade was 93.80% of dissatisfaction with the situation.
- Classes of which the students surveyed were reported that most of the time they come reluctantly. The sentence of "We are willing to enter the courses" was rated 80.09% by the students in a scale "completely disagree" or "disagree" following the receipt. 5.09% rated the "undecided". This shows that the classes in which students have been participating are not satisfied. Already, the current class students who enter as reluctant were indifferent to teaching and training in classrooms.
- As for table-row and boards in classrooms, students complain about their being too old. Because 78.64% of the students said that "table-row or woods are old" in a scale by degrading "completely disagree" or "disagree" following the receipt. Also, students in times of opening and closing of schools are very hot out because of enough grades.
- Students surveyed "I love my school" phrase when asked about their thoughts about the school. 91.50 % of them graded "completely disagree" or "disagree" following the receipt.

## **7. Suggestions:**

- It should be given enough opportunities to the school administration and teachers for organizing the school. The greatest shortcoming of this subject is not to be given funds to schools. The appropriation should be tried to be met by the school and by parent-teacher associations. However, this is quite insufficient for the needs of the school. Appropriation by the state schools should be separated immediately.
- State schools, classes are not able to meet the requirements of a new era for the arrangement of the conditions. Again, this issue should be increased opportunities for the school.
- The appropriate functioning of the classes must be taken when editing the program covering the course. For example, when editing the Social Studies Class, on the walls, tapes, maps should be placed in an appropriate and meaningful way. The student enters the class grade by drawing it. Subliminal messages in current class should be given to the student. Subliminal message: Subliminal message or else is a sign of an object that is embedded into the message. It stays under the limits of normal human perception that is designed to be less apparent at that time

([http://tr.wikipedia.org/wiki/Subliminal\\_mesaj](http://tr.wikipedia.org/wiki/Subliminal_mesaj)). It is required to allow the student to learn in the classroom.

- The biggest problems for students are their prejudices against the school or after-school coming from previous experiences.
- Lack of the economic situation should be arranged in the schools in terms of heat-temperature etc. Students coming to school should be happy that there can be ready to receive the information provided for them.
- Upon willing to enter students in the class, they should be arranged according to age and interests. The best ones will hold classes on this subject. But teachers say that they do not have enough times. For this reason, teachers should try to devote more time to the students.
- According to the findings, the students are more discontent against the school by ageing. For this reason, apart from the schools, teachers and school administrators should work in accordance with the regulations of the age required desires of students. Here, again, in order to increase opportunities for the school, the school should be given more funds by the state.

As a result of the findings from this study, we gave some suggestions. As, however, although teachers and administrators take place in the organization for doing their best if they had wanted to do everything with their power, the biggest problem faced by them is not to be appropriated enough funds. So, teachers could not change the school and make innovation on school system. Accordingly, students do not get interested to the school and to lessons. For this reason, these issues urgently need to be taken into consideration as a precaution.

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